

**Amendment to th Abstract**

Please replace the Abstract with the following amended abstract:

**ABSTRACT OF THE DISCLOSURE**

A method for forming a carbon deposit inhibiting thermal barrier coating for an internal element or component of [[ in ]] a gas turbine engine. Such coating includes a layer of thermal barrier material coated onto the surface of an engine component that will be exposed to the flow of burning engine gases. Such coating further includes a layer of carbon deposit inhibiting material coated on top of the layer of thermal barrier material.